

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-501

Jafer Inc., Office and Warehouse
(Name of Facility)

This permit hereby authorizes the applicant:

Jafer, Inc.

(Last)

(First)

(Middle)

1731 Kingsburo

(Street or P.O. Box)

Casper

(City)

Natrona

(County)

Wyoming 82601

(State)

to construct, install, or modify a Wastewater

facility located in Section 20, T34N, R79W

(Legal Description)

in the County of Natrona, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Gaudin
Administrator
Water Quality Division

Robert E. Durdin
Director
Wyoming Dept. of Environmental Quality

December 28, 1977

Date of Issuance

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-502

Charles Homolka Residence

(Name of Facility)

This permit hereby authorizes the applicant:

Homolka

(Last)

Charles

(First)

(Middle)

5420 South Poplar

(Street or P.O. Box)

Casper

(City)

Natrona

(County)

Wyoming 82601

(State)

to construct, install, or modify a Electro-osmosis

facility located in Section 9, T33N, R79W

(Legal Description)

in the County of Natrona, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. [Signature]

Administrator
Water Quality Division

Robert E. [Signature]

Director
Wyoming Dept. of Environmental Quality

December 28, 1977

Date of Issuance

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-503

Brewer Wastewater System

(Name of Facility)

This permit hereby authorizes the applicant:

Brewer	Zack	B., Jr.
(Last)	(First)	(Middle)
P.O. Box 420		
(Street or P.O. Box)		

Casper	Natrona	Wyoming 82601
(City)	(County)	(State)

to construct, install, or modify a Wastewater
facility located in Tract 7 & 8, Teton Terrace's Subdivision, Sec. 24, T33N, R80W
(Legal Description)

in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

cc: Global Engineering and Land Surveying, Inc., P.O. Box 532, Casper, WY 82601

Authorized by:

William F. Galand
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

December 13, 1977

Date of Issuance

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

PERMIT TO CONSTRUCT

☒/

New

☐/

Renewal

Permit No. 77-504

☐/

Modified

Dimension Systems and Insulation Wastewater Facility
(Name of Facility)

This permit hereby authorizes the applicant:

O'Donnell

Robert

F.

(Last)

(First)

(Middle)

P.O. Box 509

(Street or P.O. Box)

Mills

Natrona

Wyoming 82644

(City)

(County)

(State)

to construct, install, or modify a Wastewater
facility located in Tract 9, Teton Terrace's Subdivision, Sec. 24, T33N, R80W
(Legal Description)

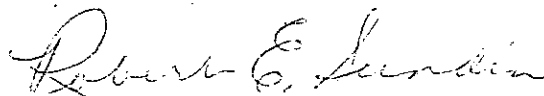
in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

cc: Global Engineering and Land Surveying, Inc., P.O. Box 532, Casper, WY 82601

Authorized by:



Administrator
Water Quality Division



Director
Wyoming Dept. of Environmental Quality

December 13, 1977

Date of Issuance

This permit does not supercede the requirements for obtaining a Septic Tank
Permit from Natrona County Health Department.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-505M

Dog Pound and Landfill Office

(Name of Facility)

This permit hereby authorizes the applicant:

City of Evanston

(Last)

(First)

(Middle)

c/o Uinta Engineering & Surveying
P. O. Box 746

(Street or P.O. Box)

Evanston

Uinta

Wyoming

82930

(City)

(County)

(State)

to construct, install, or modify a

Industrial

facility located in NE 1/4, Section 23, T15N, R120W, 6th P.M.

(Legal Description)

in the County of Uinta, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Janda
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

December 28, 1977

Date of Issuance



Department of Environmental Quality
Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

December 12, 1977

CERTIFIED - RETURN RECEIPT REQUESTED

Jims Water Service
Drawer 2290
Gillette, Wyoming 82716

ATTN: Mr. Jim Rogers

RE: Illegal Construction of Small
Commercial Wastewater Facility
for Jim's Water Service, Rock
Springs 77-506

Dear Mr. Rogers:

We appreciate your efforts to submit "as built" plans and specifications to us.

However, the plans are not acceptable to us at this time. You have a commercial wastewater disposal system. Our "Wyoming Water Quality Rules and Regulations, 1976, Chapter III" requires that all plans and specifications for commercial wastewater systems must be signed or sealed by an engineer registered in the State of Wyoming. The "as built" plans will not be reviewed until this is done. Please have your engineer submit two (2) copies of the plans and specifications to us. One copy shall be returned to you upon our authorization of the "as built" plans and specifications.

Failure to comply to this letter will result in our referring the matter to the Attorney General's office for their action.

If any questions come up, please feel free to contact us.

Sincerely,

A handwritten signature in cursive script that reads "David W. Hill".

David W. Hill
Environmental Engineer

DWH/do

cc: Attorney General's Office - Marilyn Kite

Enclosure: Chapter III Rules and Regulations

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. EDA 77-509

Rock Springs Airport Terminal Building
(Name of Facility)

This permit hereby authorizes the applicant:

Rock Springs-Sweetwater County Airport Board
(Last) (First) (Middle)

P. O. Box 1286
(Street or P.O. Box)

Rock Springs Sweetwater Wyoming 82901
(City) (County) (State)

to construct, install, or modify a Septic Tank & Tile Field System
facility located in Section 30, T19N, R103W
(Legal Description)

in the County of Sweetwater, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. O'Connell
Administrator
Water Quality Division

Robert E. Lunden
Director
Wyoming Dept. of Environmental Quality

January 5, 1978

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Rock Springs - Sweetwater County Airport Terminal Bldg., Septic Tank and Tile Field, Rock Springs, Wyoming

ARCHITECT OR ENGINEER: Domby L. Zinn, A.I.A., HTB, Inc., Box 1845, Oklahoma City, Oklahoma 73101

WATER QUALITY DIVISION REFERENCE NUMBER: EDA77-509

REVIEWING ENGINEER: Frank R. Harman, R.E., Don Armstrong, P.E.

DATE OF REVIEW: December 14, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS: Chapter III of the Wyoming Water Quality Rules and Regulations Section 4b requires that all plans and specifications covering new or modified sewerage systems, treatment works, disposal systems or other facilities capable of causing pollution shall be submitted under the seal and signature of the design engineer, registered to practice in the State of Wyoming. All plans and specifications and permit applications are being returned for this purpose.

PERMIT TO CONSTRUCT

mailed
11/14/78

☒ New

☐ Renewal

Permit No. 77-510MRRRR

☐ Modified

Rancher's Meats, Incorporated

(Name of Facility)

This permit hereby authorizes the applicant:

Cator

Robert

L.

(Last)

(First)

(Middle)

P. O. Box 547

(Street or P.O. Box)

Douglas

Converse

Wyoming 82633

(City)

(County)

(State)

to construct, install, or modify a Meat Processing Waste Treatment Plant

facility located in Section 8, T32N, R71W

(Legal Description)

in the County of Converse, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. Gable
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

October 19, 1978
Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Rancher's Meats, Inc, Site Plan & Proposed Septic Tank (Septic Tank Omitted)

ARCHITECT OR ENGINEER: M. C. Schaff & Assoc., 1516 21st Ave
Scottsbluff, NE 69361

WATER QUALITY DIVISION REFERENCE NUMBER: 77-510MRRR

REVIEWING ENGINEER: Robert H. Pinther, Jake Strohman, P.E.

DATE OF REVIEW: 10/19/78

ACTION: AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Omission of the septic tank from this facility is authorized with the following understanding:

- a. All slaughter and custom processing will be discontinued. See the attached letter to the Reviewing Engineer received 10/6/78 from Robert Cator, Jr. OVM, Ranchers Meats, Inc.
 - b. The proposed grease trap in the process wastewater line will be enlarged by 50% as stated in our plan review of 4/12/78 bearing Water Quality Division Ref. No. 77-510RRR.
 - c. To assure retention of most of the grease in the grease trap the first step in cleanup shall be flushing of all floors and equipment with hot water. Detergent may be used after the bulk of the grease has been flushed into the grease trap.
 - d. A program of inspection and monitoring of this facility by the Town of Douglas will be established and carried out. See the attached letter of 10/5/78 to the Reviewing Engineer from Gilbert Carter, Lab Technician, Town of Douglas.
 - e. If the strength or nature of the wastes discharged to the municipal sewerage system at any time are not acceptable to either the Town of Douglas or this Department, the owner of this facility shall provide additional pre-treatment, to attain a waste discharge of acceptable quality.
- cc: Robert Cator, Jr. DVM, Rancher's Meats, Box 574, Douglas, WY 82633
Bill Galletly, Town Administrator, 130 So. Third, Douglas, WY 82633
Stephen Bennett, Town Superintendent, 130 So. Third, Douglas, WY 82633
Gilbert Carter, Lab Technician, 130 So. Third, Douglas, WY 82633

REVIEW OF PLANS AND SPECIFICATIONS

mailed
11/8/78

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Rancher's Meats, Inc, Site Plan & Proposed Septic Tank (Septic Tank Omitted)

ARCHITECT OR ENGINEER: M. C. Schaff & Assoc., 1516 21st Ave
Scottsbluff, NE 69361

WATER QUALITY DIVISION REFERENCE NUMBER: 77-510MRRR

REVIEWING ENGINEER: Robert H. Pinther, Jake Strohman, P.E.

DATE OF REVIEW: 10/19/78

ACTION: AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Omission of the septic tank from this facility is authorized with the following understanding:

- a. All slaughter and custom processing will be discontinued. See the attached letter to the Reviewing Engineer received 10/6/78 from Robert Cator, Jr. OVM, Ranchers Meats, Inc.
- b. The proposed grease trap in the process wastewater line will be enlarged by 50% as stated in our plan review of 4/12/78 bearing Water Quality Division Ref. No. 77-510RRR.
- c. To assure retention of most of the grease in the grease trap the first step in cleanup shall be flushing of all floors and equipment with hot water. Detergent may be used after the bulk of the grease has been flushed into the grease trap.
- d. A program of inspection and monitoring of this facility by the Town of Douglas will be established and carried out. See the attached letter of 10/5/78 to the Reviewing Engineer from Gilbert Carter, Lab Technician, Town of Douglas.
- e. If the strength or nature of the wastes discharged to the municipal sewerage system at any time are not acceptable to either the Town of Douglas or this Department, the owner of this facility shall provide additional pre-treatment, to attain a waste discharge of acceptable quality.

cc: Robert Cator, Jr. DVM, Rancher's Meats, Box 574, Douglas, WY 82633
Bill Galletly, Town Administrator, 130 So. Third, Douglas, WY 82633
Stephen Bennett, Town Superintendent, 130 So. Third, Douglas, WY 82633
Gilbert Carter, Lab Technician, 130 So. Third, Douglas, WY 82633

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-510MRRR

Rancher's Meats, Inc.
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Cator</u> (Last)	<u>Robert</u> (First)	<u>L.</u> (Middle)
<u>P. O. Box 547</u> (Street or P.O. Box)		
<u>Douglas</u> (City)	<u>Converse</u> (County)	<u>Wyoming 82633</u> (State)

to construct, install, or modify a Meat Processing Waste Treatment Plant
facility located in NW $\frac{1}{4}$, SW $\frac{1}{4}$, Section 8, T32N, R71W
(Legal Description)

in the County of Converse, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. Ojala
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

April 14, 1978

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Hathaway Office Building
Cheyenne, Wyoming 82002

PROJECT: Rancher's Meats, Inc., Site Plan and Proposed Septic Tank,
Douglas, Wyoming - Converse County

ARCHITECT OR ENGINEER: M. C. Schaff & Associates, Inc., 1516 21st Avenue,
Scottsbluff, Nebraska 69361

WATER QUALITY DIVISION REFERENCE NUMBER: 77-510MRRR

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, P.E.

DATE OF REVIEW: April 12, 1978

ACTION: AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Increase the length or the width of the grease trap by 50% to
accomodate the expected waste liquid flow of 2123 gallons per eight hour
operating day.

cc: Stephen Bennett
Town of Douglas
130 South Third
Douglas, Wyoming 82633

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Hathaway Office Building
Cheyenne, Wyoming 82002

PROJECT: Rancher's Meats, Inc., Site Plan and Proposed Septic Tank,
Douglas, Wyoming, Converse County

ARCHITECT OR ENGINEER: M. C. Schaff and Associates, Inc.
1516 21st Avenue
Scottsbluff, NE 69361

WATER QUALITY DIVISION REFERENCE NUMBER: 77-510MR

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, P.E. *[Signature]*

DATE OF REVIEW: February 2, 1978

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1). The high point in the heating coil recirculation system should be vented to avoid air lock.
- 2). Provide a cleanout at every change in sewer alignment or grade in excess of 2½ degrees for all sewer lines to be constructed or re-constructed.
- 3). In an effort to avoid undue reduction in the efficiency of the treatment process by temperature reduction and dilution, further consideration should be given to the feasibility of by-passing the condenser cooling water around the septic tank or disposing of the cooling water by some other method such as discharge to a storm sewer.
- 4). To assure accessibility when the earth is frozen, consideration should be given to extending the septic tank access manhole up to a point eight (8) inches below the surface of the ground.

NOTE: For insulation purposes, most of the septic tank cover should be buried as deep as practical.

- 5). Specify that the two (2) inch plastic pipe for septic tank heating coil shall have adequate strength to operate continuously under 100 psi working pressure and a temperature of 180°F.
- 6). Provide the following controls and equipment for the boiler system:
 - a. Stack temperature limit control.
 - b. Automatic shutoff of the boiler burner at low water level.
 - c. Boiler water circulating pump with automatic control based on temperature of septic tank contents.

PROJECT: Rancher's Meats, Inc., Site Plan and Proposed Septic Tank
Douglas, Wyoming - Converse County

WATER QUALITY REFERENCE NUMBER: 77-510MR (CONT)

- 7). The septic tank inlet and outlet should be mid-way between the sides of the tank.
- 8). The heating coil should be adequately supported to avoid sagging using corrosion resistant brackets.

cc: Dr. Bob Cator
Rancher's Meats
Box 547
Douglas, Wyoming 82633

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Hathaway Office Building
Cheyenne, Wyoming 82002

PROJECT: Rancher's Meats, Inc., Site Plan and Proposed Septic Tank,
Douglas, Wyoming, Converse County

ARCHITECT OR ENGINEER: M. C. Schaff and Associates, Inc.
1516 21st Avenue
Scottsbluff, NE 69361

WATER QUALITY DIVISION REFERENCE NUMBER: 77-510MR

REVIEWING ENGINEER: Robert H. Pinther, P.E. *Robert H. Pinther*

DATE OF REVIEW: February 2, 1978

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- ✓ 1). The high point in the heating coil recirculation system should be vented to avoid air lock.
- 2). Provide a cleanout at every change in sewer alignment or grade in excess of 2½ degrees for all sewer lines to be constructed or re-constructed.
- 3). In an effort to avoid undue reduction in the efficiency of the treatment process by temperature reduction and dilution, further consideration should be given to the feasibility of by-passing the condenser cooling water around the septic tank or disposing of the cooling water by some other method such as discharge to a storm sewer.
- 4). To assure accessibility when the earth is frozen, consideration should be given to extending the septic tank access manhole up to a point eight (8) inches below the surface of the ground.

NOTE: For insulation purposes, most of the septic tank cover should be buried as deep as practical.

- 5). Specify that the two (2) inch plastic pipe for septic tank heating coil shall have adequate strength to operate continuously under 100 psi working pressure and a temperature of 180°F.
- 6). Provide the following controls and equipment for the boiler system:
 - a. Stack temperature limit control.
 - b. Automatic shutoff of the boiler burner at low water level.
 - c. Boiler water circulating pump with automatic control based on temperature of septic tank contents.

PROJECT: Rancher's Meats, Inc., Site Plan and Proposed Septic Tank
Douglas, Wyoming - Converse County

WATER QUALITY REFERENCE NUMBER: 77-510MR (CONT)

- 7). The septic tank inlet and outlet should be mid-way between the sides of the tank.
- 8). The heating coil should be adequately supported to avoid sagging using corrosion resistant brackets.

cc: Dr. Bob Cator
Rancher's Meats
Box 547
Douglas, Wyoming 82633

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Rancher's Meats, Inc., Site Plan and Proposed Septic Tank, Douglas, WY

ARCHITECT OR ENGINEER: M. C. Schaff and Associates, Inc., 1516 21st Avenue,
Scottsbluff, Nebraska 69361

WATER QUALITY DIVISION REFERENCE NUMBER: 77-510M

REVIEWING ENGINEER: Robert Pinther, P.E., Don Armstrong, P.E.

DATE OF REVIEW: 12-12-77

ACTION: CONSTRUCTION IS NOT AUTHORIZED

COMMENTS:

1. Submit specifications covering all materials, piping, equipment, controls, etc.
2. All plans and specifications shall carry the signature or seal of the designing engineer who is a registered engineer in the State of Wyoming.
3. Provide a cleanout at every change in sewer alignment or grade in excess of $22\frac{1}{2}$ degrees.
4. Indicate on plans or in specifications the method of collection and disposal of meat ends, paunch manure and blood.
5. To obtain the necessary 60 to 75 percent reduction in the BOD level of the packing plant waste prior to discharging to the Douglas municipal sewer, the septic tank contents should be maintained in the temperature range of 85 to 95 degrees Fahrenheit.
6. To assure the high organic loading necessary for efficient operation of anaerobic decomposition in a septic tank, cooling water and other dilutents should not be discharged to the septic tank used to treat the packing plant wastes. Note: Cooling water could be re-used on the kill floor for washing.
7. Protective measures should be taken to prevent entry to the pit for the gas fired boiler of combustible and poisonous gases from the adjacent septic tank.
8. If possible the septic tank should be constructed above groundwater level and should be suitably insulated to minimize heat loss.

9. The boiler should be provided with suitable automatic controls to maintain the boiler temperature at approximately 180°F to minimize corrosion, to maintain the septic tank contents in the temperature range of 85°-95°F, and to shut off the main gas supply in the event of pilot burner or electrical failure, low boiler water level, or excessive temperature.
10. A suitable automatic mixing valve should be provided to temper the boiler water with return water so that the inlet water to the coils can be held to below a temperature at which caking will be accentuated. Manual control should also be provided by suitable by-pass valves.
11. In order to maintain the septic tank in the recommended temperature range it may be necessary to use corrosion resistant metal tubing rather than plastic.
12. Removal of sludge from the tank would be facilitated by locating the heating coils on wall brackets around the tank rather than horizontally above the tank bottom.
13. Thermometers should be provided to show temperatures of the septic tank contents, hot water feed, hot water return, and boiler water.
14. It may be necessary in the future to provide facilities for mixing the septic tank contents in order to obtain the necessary reduction in the BOD level of the plant wastes as set forth in item No. 1 above.
15. Submit two copies to this Department of plans and specifications, addendum, etc.

REP/jo

cc: Dr. Bob Cator, Ranchers Meats, Box 547, Douglas, WY 82633

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-512

Black Thunder Mine BT-Pit 1 Settling Reservoir
(Name of Facility)

This permit hereby authorizes the applicant:

Thunder Basin Coal Company
(Last) (First) (Middle)
P.O. Box 1569
(Street or P.O. Box)
Gillette Campbell Wyoming 82716
(City) (County) (State)

to construct, install, or modify a Wastewater
facility located in Section 16, T43N, R70W
(Legal Description)

in the County of Campbell, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Galar
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

December 13, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. EDA77-513

North Cody Outfall Sewer and East Cody Outfall Sewer
(Name of Facility)

This permit hereby authorizes the applicant:

<u>City of Cody</u>		
(Last)	(First)	(Middle)
<u>c/o Graham and Associates</u>		
<u>1508 Stampede Avenue</u>		
(Street or P.O. Box)		
<u>Cody</u>	<u>Park</u>	<u>Wyoming 82414</u>
(City)	(County)	(State)

to construct, install, or modify a Outfall Sewer
facility located in the City of Cody
(Legal Description)

in the County of Park, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Gable
Administrator
Water Quality Division

Robert E. Linder
Director
Wyoming Dept. of Environmental Quality

December 14, 1977

Date of Issuance
cc: Mayor and Town Council, Town of Cody, 1338 Rumsey Avenue, Cody, Wyoming 82414

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Town of Big Piney, 12" cnp Sewer Line, Big Piney, Wyoming

ARCHITECT OR ENGINEER: Paul N. Scherbel, Land Surveyor, Big Piney, Wyoming,
Submitted by: J. W. Wilson, Water Commissioner, P.O.
Box 70, Big Piney, WY 83113

WATER QUALITY DIVISION REFERENCE NUMBER: 77-514M

REVIEWING ENGINEER: Frank R. Harman, P.E., Don ~~Anderson~~ Strong, P.E.

DATE OF REVIEW: December 16, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Wyoming Water Quality Rules and Regulations Chapter III, Section 4b requires that all plans and specifications of a technical nature be submitted under the design engineers signature who shall be registered to practice engineering in the State of Wyoming.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-515

Big Country Estates, Inc.
(Name of Facility)

This permit hereby authorizes the applicant:

Neal Frank l
(Last) (First) (Middle)

150 South Greeley Highway
(Street or P.O. Box)

Cheyenne Laramie Wyoming 82001
(City) (County) (State)

to construct, install, or modify a Water Distribution & Sewage Collection
facility located in Section 20, T13N, R66W
(Legal Description)

in the County of Laramie, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. O'Neal
Administrator
Water Quality Division

Robert E. Auer
Director
Wyoming Dept. of Environmental Quality

January 27, 1978
Date of Issuance

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-516MR

A & W Drive In Sewer Extension
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Zimmerschied</u>	<u>Robert</u>	<u>R</u>
(Last)	(First)	(Middle)
<u>c/o A & W Drive In</u>		
<u>Box 217</u>		
(Street or P.O. Box)		
<u>Buffalo</u>	<u>Johnson</u>	<u>Wyoming 82834</u>
(City)	(County)	(State)

to construct, install, or modify a Sewer Extension
facility located in Section 26 & 35, T51N, R82W
(Legal Description)

in the County of Johnson, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. O'Leary
Administrator
Water Quality Division

Robert E. Lenden
Director
Wyoming Dept. of Environmental Quality

February 16, 1978

Date of Issuance

cc: Keith A. Neustel, Plains Engineering, P. O. Box 432, Buffalo, Wyoming 82834

QA


REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Hathaway Office Building
Cheyenne, Wyoming 82002

PROJECT: A & W Drive-In, Sewer Extension
Johnson County

ARCHITECT OR ENGINEER: Plains Engineering
ATTN: Keith A. Neustel
P. O. Box 432, Buffalo, Wyoming 82834

WATER QUALITY DIVISION REFERENCE NUMBER: 77-516M

REVIEWING ENGINEER: Dan H. Kim - Don Armstrong,  E.

DATE OF REVIEW: January 24, 1978

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1). Please justify that the existing 6" sewer can handle the current load and the future load by providing the computations as to existing hydraulic load and additional capacity of the existing 6" line, estimation of future development in this area, additional information on the existing 6" line (i.e. length, service area, etc.).
- 2). A location map should be provided.
- 3). Bedding specifications should provide type to be used and typical drawings.
- 4). Degree of compaction expressed as a percentage of maximum dry density as defined by ASTM D698 should be addressed in backfilling specifications.
- 5). Alignment testing specifications for sewer line should include means of testing.
- 6). Specifications concerning street restoration after construction is completed should be provided.
- 7). There should be specifications concerning excessive sidefill pressures and ovalation of the sewer pipe. The maximum vertical deflection allowed shall not exceed 5% of the pipes internal diameter.
- 8). This cannot be considered a final review.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-517MRR

City of Casper - Water Main on Outer Drive between
Poplar and Casper Mountain Road
(Name of Facility)

This permit hereby authorizes the applicant:

<u>City of Casper</u>		
(Last)	(First)	(Middle)
<u>632 South David</u>		
	(Street or P.O. Box)	
<u>Casper</u>	<u>Natrona</u>	<u>Wyoming 82601</u>
(City)	(County)	(State)

to construct, install, or modify a Water Transmission Line
facility located in Section 21 & 22, T33N, R79W
(Legal Description)

in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. O'Leary
Administrator
Water Quality Division

Robert E. Lardin
Director
Wyoming Dept. of Environmental Quality

May 9, 1978

Date of Issuance
This permit does not supercede the requirements for obtaining a Septic Tank
Permit from Natrona County Health Department.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Hathaway Office Building
Cheyenne, Wyoming 82002

PROJECT: City of Casper - Water Main Installation on Outer Drive
between Poplar & Casper Mountain Road - Natrona County

ARCHITECT OR ENGINEER: Worthington, Lenhart & Carpenter, Inc.
ATTN: Elmer C. Lenhart - 632 South David Street - Casper, Wyoming 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 77-517M

REVIEWING ENGINEER: Dan H. Kim - Don Armstrong, P.E.

DATE OF REVIEW: January 24, 1978

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1). Location map should be provided.
- 2). One (1) more set of plans is required. Upon approval, one authorized set will be returned to you.
- 3). Enclosed is an application form for a permit to construct, which must be completed and submitted to our office.
- 4). Please differentiate between existing lines and proposed water mains. Are all the new lines ductile iron pipes with twelve (12) inch diameters?
- 5). Ten States Standards require water valves be located at not more than 800 foot intervals on distribution lines. The twelve (12) inch line appears to be a transmission line and as such would not require extensive valving. Please comment on the anticipated use of the proposed water main.
- 6). Typical drawing of thrust block should be provided, including bearing area, concrete strength, etc.
- 7). Specifications for water main construction of City of Casper have to be updated. The following items shall be supplemented to the Casper specifications to meet the current State requirements.
 - a. Ductile iron pipe shall meet the requirements of AWWA C151, as latest revised. Thickness class of ductile iron pipe shall also be specified. Fittings, rubber gasket joints & polyethylene encasement for ductile iron pipes shall be in accordance with AWWA C110, C111 & C105, as latest revised, respectively.

PROJECT: City of Casper - Water Main Installation on Outer Drive between
Poplar & Casper Mountain Road - Natrona County

WATER QUALITY REFERENCE NUMBER: 77-517M (CONT)

- b. Pressure & leakage tests should be performed in accordance to AWWA C600 or AWWA C603, the latest revision.
 - c. Gate valves and boxes shall conform to requirements of AWWA C500.
 - d. Fire hydrants shall conform to AWWA standards C502.
 - e. Material of water service line should be specified.
 - d. Bedding specifications should provide type to be used and typical drawings.
 - e. Degree of compaction expressed as a percentage of maximum dry density as defined by ASTM D698 should be addressed in backfilling specifications.
 - f. Specifications concerning water/sewer crossings shall be provided and meet Chapter III of Wyoming Water Quality Rules and Regulations.
 - g. Disinfection of water system shall be performed according to AWWA C601 as latest revised.
- 8). This cannot be considered a final review.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. EDA77-518

Town of Hulett - Storm Sewer System
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Hulett

(Last)

(First)

(Middle)

c/o Plains Engineering

P.O. Box 727

(Street or P.O. Box)

Newcastle

(City)

Weston

(County)

Wyoming 82701

(State)

to construct, install, or modify a Storm Sewer

facility located in the Town of Hulett


(Legal Description)


in the County of Crook, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:


Administrator
Water Quality Division


Director
Wyoming Dept. of Environmental Quality

December 13, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-519

Pacific Power and Light Sub-Station
(Name of Facility)

This permit hereby authorizes the applicant:

Superior Lumber Company

(Last)

(First)

(Middle)

P.O. Box 1127

(Street or P.O. Box)

Rock Springs

(City)

Sweetwater

(County)

Wyoming 82901

(State)

to construct, install, or modify a Septic Tank
facility located in North of Rock Springs
(Legal Description)

in the County of Sweetwater, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. O'Connell
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

December 14, 1977

Date of Issuance

cc: Johnson-Fermelia and Crank, Inc., P.O. Box 1633, Rock Springs, WY 82901
Attention: Ed Fermelia, P.E.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. EDA77-520

Town of Hartville - Water Improvements
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Hartville
(Last) (First) (Middle)
c/o Nelson, Haley, Patterson and Quirk, Inc.
625 E. Madison, Suite 5
(Street or P.O. Box)

Riverton Fremont Wyoming 82501
(City) (County) (State)

to construct, install, or modify a Water Distribution
facility located in the Town of Hartville
(Legal Description)

in the County of Platte, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. Galar
Administrator
Water Quality Division

Robert E. Anderson
Director
Wyoming Dept. of Environmental Quality

December 15, 1977
Date of Issuance

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. EDA77-521

Town of Upton - Sewer and Water Replacement
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Town of Upton</u>		
(Last)	(First)	(Middle)
<u>c/o Plains Engineering</u>		
<u>P.O. Box 727</u>		
	(Street or P.O. Box)	
<u>Newcastle</u>	<u>Weston</u>	<u>Wyoming 82701</u>
(City)	(County)	(State)

to construct, install, or modify a Sewer and Water Replacement
facility located in Section 26, 35, T48N, R65W
(Legal Description)

in the County of Weston, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William R. Gable
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

December 15, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-522M

Energy II Sanitary Sewer Extension - North Platte Water &
Sewer District (Name of Facility)

This permit hereby authorizes the applicant:

North Platte Water and Sewer District
(Last) (First) (Middle)
P.O. Box 614
(Street or P.O. Box)
Casper Natrona Wyoming 82602
(City) (County) (State)

to construct, install, or modify a Sanitary Sewer Extension
facility located in Section 4, T33N, R79W
(Legal Description)

in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Garland
Administrator
Water Quality Division

Robert E. Larkin
Director
Wyoming Dept. of Environmental Quality

December 15, 1977

Date of Issuance

cc: Transamerican Investment Properties, Inc., 5300 Rock Road, Wichita, Kansas 67218
Richard Lamb, Alcohen Construction Co., 7505 - 18th Street, Denver, CO 80211

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Sewer Location for Energy II Property, North Platte Water and
Sewer District, Casper, Wyoming

ARCHITECT OR ENGINEER: George E. Hodji and Associates, 1515 Arapahoe,
Denver, Colorado 80202

WATER QUALITY DIVISION REFERENCE NUMBER: 77-522M

REVIEWING ENGINEER: *RHP* Robert H. Pinther, P.E.

DATE OF REVIEW: 12-14-77

ACTION: CONSTRUCTION AUTHORIZED WITH COMMENT.

COMMENTS: 1. Specify that backfill around PVC sewer pipe shall be
placed in 6 inch lifts and compacted to a density
equal to or greater than 95% of the maximum laboratory
density to a point at least 6 inches above the top
of the pipe.

REP/jo

cc: Richard Lamb, Alcohen Construction Co., 7505 - 18th Street,
Denver, CO 80211
North Platte Water And Sewer District, P.O. Box 614, Casper,
WY 82602

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. EDA77-523

Sheridan-Water System Improvements
(Name of Facility)

This permit hereby authorizes the applicant:

City of Sheridan
(Last) (First) (Middle)
c/o HNTB Engineering
P.O. Box 3478
(Street or P.O. Box)
Casper Natrona Wyoming 82602
(City) (County) (State)

to construct, install, or modify a Water Transmission Main
facility located in Section 29 & 32, T56N, R84W
(Legal Description)

in the County of Sheridan, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Clark
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

December 19, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. EDA77-524

City of Newcastle - Trunk Sewer Line
(Name of Facility)

This permit hereby authorizes the applicant:

City of Newcastle

(Last) (First) (Middle)

c/o Plains Engineering

P.O. Box 727

(Street or P.O. Box)

Newcastle

(City)

Weston

(County)

Wyoming 82701

(State)

to construct, install, or modify a Trunk Sewer Line

facility located in Section 29, 30, T45N, R61W


(Legal Description)

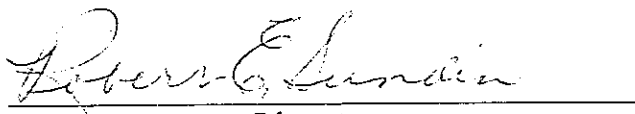
in the County of Weston, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:


Administrator
Water Quality Division


Director
Wyoming Dept. of Environmental Quality

December 19, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-525M

Water Main Extension to Sunrise IV Addition

(Name of Facility)

This permit hereby authorizes the applicant:

Casper Board of Public Utilities

(Last)

(First)

(Middle)

200 N. David

(Street or P.O. Box)

Casper
(City)

Natrona
(County)

Wyoming 82601
(State)

to construct, install, or modify a

Water Distribution System

facility located in the City of Casper

(Legal Description)

in the County of Natrona, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

cc: E. C. Lenhart, 632 S. David, Casper, WY 82601

Authorized by:

William P. Pauland
Administrator
Water Quality Division

Robert E. Hendon
Director
Wyoming Dept. of Environmental Quality

December 19, 1977

Date of Issuance

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: 12 inch Water Main Extension, Sunrise IV Addition, Casper, WY

ARCHITECT OR ENGINEER: E. C. Lenhart, 632 S. David Street, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 77-525M

REVIEWING ENGINEER: *RHP* Robert H. Pinther, P.E.

DATE OF REVIEW: 12-15-77

ACTION: CONSTRUCTION AUTHORIZED WITH COMMENTS.

COMMENTS:

1. Specify the class of pipe to be used.
2. Submit another copy of the plans. Two copies are required and only one copy was received.

RHP/jo

cc: Casper Board of Public Utilities, 200 N. David, Casper, WY 82601

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

Permit No. 77-526

☐ Modified

Business Shop

(Name of Facility)

This permit hereby authorizes the applicant:

Klein	Russell	C
(Last)	(First)	(Middle)
Box 2021		
(Street or P.O. Box)		
Rock Springs	Sweetwater	Wyoming 82901
(City)	(County)	(State)

to construct, install, or modify a Waste Treatment Facility
facility located in Section 9, T19N, R105W
(Legal Description)

in the County of Sweetwater, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. Gale
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

December 28, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☐ New
☐ Renewal
☒ Modified

Permit No. 77-527

Halliburton Services

(Name of Facility)

This permit hereby authorizes the applicant:

Achord

(Last)

Bonnie

(First)

J.

(Middle)

Suite 470 - 1600 Broadway

(Street or P.O. Box)

Denver

(City)

Adams

(County)

Colorado

(State)

to construct, install, or modify a Waste Treatment

facility located in Section 22, T19N, R105W

(Legal Description)

in the County of Sweetwater, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. Qaland
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

January 3, 1978

Date of Issuance

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-528RR

Woodward Sewer Extension

(Name of Facility)

This permit hereby authorizes the applicant:

Woodward, Ray
(Last) (First) (Middle)

P.O. Box 146

(Street or P.O. Box)

Shoshoni Fremont Wyoming
(City) (County) (State)

to construct, install, or modify a sewage collection lines

facility located in Sec. 28, T38N, R94W
(Legal Description)

in the County of Fremont, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. Garland
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

September 20, 1978

Date of Issuance
cc: Tudor Engineering
450 So. Federal Blvd., Riverton, Wyo. 82501
ATTN: Jerald B. Crews, P.E.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-528RR

Ray Woodward Sewer Line
(Name of Facility)

This permit hereby authorizes the applicant:

Woodward Raymond
(Last) (First) (Middle)
P. O. Box 146
(Street or P.O. Box)
Shoshoni Fremont Wyoming 82649
(City) (County) (State)

to construct, install, or modify a Sewer Line
facility located in Section 28, T38N, R94W
(Legal Description)

in the County of Fremont, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William S. Garland
Administrator
Water Quality Division

Robert E. Hendin
Director
Wyoming Dept. of Environmental Quality

February 23, 1978

Date of Issuance

cc: Tudor Engineering, ATTN: Jerry Crews, P.E., 450 South Federal, Riverton, WY 82501

REVIEW OF PLANS AND SPECIFICATIONS

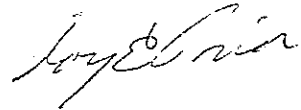
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Woodward Sewer Service - Fremont County Wyoming
Sewer Extension, Section 28, T38N, R94W

ARCHITECT OR ENGINEER: Jerald Crews, P.E. - Tudor Engineering
450 South Federal Blvd.
Riverton, Wyoming 82501

WATER QUALITY DIVISION REFERENCE NUMBER: 77-528R

REVIEWING ENGINEER: David W. Hill - Roy E. Prior, P.E.



DATE OF REVIEW: December 28, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1). A manhole is needed at all intersections of sewer mains (eight inch lines).
- 2). A letter is still needed from the Town of Shoshoni indicating that they will accept the extension.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Woodward Sewer Service - Fremont County, Wyoming
Sewer Service Extension, Sec. 28, T38N, R94W

ARCHITECT OR ENGINEER: Jerald Crews, P.E. - Tudor Engineering
450 South Federal Blvd., Riverton, Wyoming 82501

WATER QUALITY DIVISION REFERENCE NUMBER: 77-528

REVIEWING ENGINEER: David W. Hill - Roy E. Prior, P.E. *REP*

DATE OF REVIEW: December 20, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1). A "Permit to Construct" is not required from this office if the line will serve only one residence for the life time of the line. Please have the owner notify us by letter if this is the case.

If a Permit to Construct is still needed, the following items must be addressed:

- 2). The main line shall be no smaller than eight inches if two or more connections are to be hooked into it or if it will be extended at some future time.
- 3). A manhole is needed at all alignment changes.
- 4). An alignment specification is needed (i.e. lumping).
- 5). A letter is needed from the Town of Shoshoni indicating that they will accept the extension.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-529R

Circle H Chuckwagon, Inc. - Two Residences
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Humphreys</u>	<u>George</u>	
(Last)	(First)	(Middle)
<u>c/o Nelson Engineering</u>		
<u>P. O. Box 1141</u>		
(Street or P.O. Box)		
<u>Jackson</u>	<u>Teton</u>	<u>Wyoming 83001</u>
(City)	(County)	(State)

to construct, install, or modify a Septic Tank - Leach Field
facility located in Section 14, T41N, R117W
(Legal Description)

in the County of Teton, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Garland
Administrator
Water Quality Division

Robert E. Linder
Director
Wyoming Dept. of Environmental Quality

January 9, 1978

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Circle H Chuckwagon, Inc. - Two Residences
NE $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 14, T41N, R117W - Teton County, Wyoming

ARCHITECT OR ENGINEER: Nelson Engineering
P. O. Box 1141 - Jackson, Wyoming 83001

WATER QUALITY DIVISION REFERENCE NUMBER: 77-529

REVIEWING ENGINEER: David W. Hill - Roy E. Prior, P.E. *Roy E. Prior*

DATE OF REVIEW: December 21, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1). The plans and specifications must be signed or sealed by an engineer registered in the State of Wyoming.
- 2). The ends of all parallel leach lines must be connected.
- 3). Some obstruction is needed in the leach lines to prevent wastewater from falling into the breezer pipes (and directly to the groundwater).
- 4). Please indicate material specifications of the sewer lines.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-530R

Circle H Chuckwagon, Inc. - Restaurant
(Name of Facility)

This permit hereby authorizes the applicant:

Humphreys George
(Last) (First) (Middle)
c/o Nelson Engineering
P. O. Box 1141
(Street or P.O. Box)

Jackson Teton Wyoming 83001
(City) (County) (State)

to construct, install, or modify a Septic Tank - Leach Field
facility located in Section 14, R41N, R117W
(Legal Description)

in the County of Teton, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. Jalar
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

January 9, 1978

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Circle H Chuckwagon, Inc. - Restaurant
NW $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 14, T41N, R117W - Teton County

ARCHITECT OR ENGINEER: Nelson Engineering
P. O. Box 1141
Jackson, Wyoming 83001

WATER QUALITY DIVISION REFERENCE NUMBER: 77-530

REVIEWING ENGINEER: David W. Hill - Roy E. Prior, P.E. *R. E. Prior*

DATE OF REVIEW: December 21, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1). The plans and specifications must be signed or sealed by an engineer registered in the State of Wyoming.
- 2). Some obstruction is needed in the leach lines to prevent wastewater from falling into the breezer (and to the groundwater).
- 3). Please indicate material specifications for the sewer lines.

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-531R

Sand Draw, Northern Utilities

(Name of Facility)

This permit hereby authorizes the applicant:

Inberg-Miller Engineering

(Last)

(First)

(Middle)

P. O. Box 230

(Street or P.O. Box)

Riverton

(City)

Fremont

(County)

Wyoming 82501

(State)

to construct, install, or modify a Sidehill Leach Field

facility located in Section 10, T32N, R95W

(Legal Description)

in the County of Fremont, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Galand

Administrator
Water Quality Division

Robert E. Lundin

Director
Wyoming Dept. of Environmental Quality

January 9, 1978

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

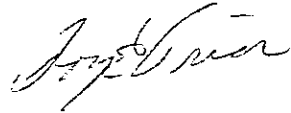
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Northern Utilities Subsurface Leach Field
Sec. 10, T32N, R95W, Sand Draw Area - Fremont County Wyoming

ARCHITECT OR ENGINEER: Inberg-Miller Engineers
P. O. Box 230 - Riverton, Wyoming 82501

WATER QUALITY DIVISION REFERENCE NUMBER: 77-531

REVIEWING ENGINEER: David W. Hill - Roy E. Prior, P.E.



DATE OF REVIEW: December 21, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1). The plans and specifications must be signed or sealed by an engineer registered in the State of Wyoming.
- 2). Please indicate material specifications for the outfall line from the septic tank.
- 3). Have owner or owners designated representative fill out and submit two copies of "Application for Permit to Construct".
- 4). Indicate the depth to groundwater. All leach line pipes must be at least four feet above the seasonal high groundwater table.

Enclosure: Application for Permit to Construct

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

Permit No. 77-532MR

☐ Modified

Rattlesnake Creek Water Transmission Line - Town of Hanna
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Town of Hanna</u>		
(Last)	(First)	(Middle)
<u>c/o Paul McCarthy</u>		
<u>Robert Jack Smith & Assoc., Inc. - P. O. Box 1104</u>		
(Street or P.O. Box)		
<u>Rawlins</u>	<u>Carbon</u>	<u>Wyoming 82301</u>
(City)	(County)	(State)

to construct, install, or modify a Water Transmission Line

facility located in SW $\frac{1}{4}$, Section 1, NE $\frac{1}{4}$, Section 11, SE $\frac{1}{4}$, Section 12, W $\frac{1}{2}$, Section 13,
W $\frac{1}{2}$, Section 24, (Legal Description) SE $\frac{1}{4}$, Section 23, NE $\frac{1}{4}$, Section
26, T21N, R82W

in the County of Carbon, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. O'Leary
Administrator
Water Quality Division

Robert E. Scardin
Director
Wyoming Dept. of Environmental Quality

February 21, 1978

Date of Issuance

DA

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-533MRR

Dixon Water System
(Name of Facility)

This permit hereby authorizes the applicant:

McCarthy
(Last)

Paul
(First)

James
(Middle)

Box 1104

(Street or P.O. Box)

Rawlins
(City)

Carbon
(County)

Wyoming 82301
(State)

to construct, install, or modify a Chlorine Contact Chamber, Storage Tank & Pumphouse
facility located in Section 49, T12N, R90W
(Legal Description)

in the County of Carbon, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. [Signature]
Administrator
Water Quality Division

Robert E. [Signature]
Director
Wyoming Dept. of Environmental Quality

April 14, 1978

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Hathaway Office Building
Cheyenne, Wyoming 82002

PROJECT: Town of Dixon, Water System Improvements - Carbon County

ARCHITECT OR ENGINEER: Robert Jack Smith & Associates, P. O. Box 1104,
Rawlins, Wyoming 82301

WATER QUALITY DIVISION REFERENCE NUMBER: 77-533MRR

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, P.E.

DATE OF REVIEW: April 14, 1978

ACTION: CONSTRUCTION AUTHORIZED

COMMENTS:

- 1). Provide a second high lift pump which is capable of supplying the maximum daily pumping demand of the system.
- 2). In order to comply with the turbidity standard of the National Interim Primary Drinking Water Regulations of the U. S. Environmental Protection Agency additional treatment consisting of coagulation, sedimentation and filtration will be required.



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

April 9, 1985

Jane Stark
Cumberland Coal Co.
1000 Kiewit Plaza
Omaha, NE 68131

RE: Status of South Haystack Mine DEQ/WQD
"Permit to Construct"

Dear Ms. Stark:

As per our telephone conversation March 28, 1985 and April 2, 1985, I have compiled information as to the status of your permits. According to our records the following permits issued between 1977 and 1983 have expired:

77-472R Stormwater runoff reservoir and channels.
Authorized: 1-3-78 Expired: 1-30-80

77-534R Sanitary WWTF, truckwash, maintenance shop, primary and secondary crusher settling ponds, evaporation pond. Renewed: 10-7-82 for two years. Letter dated 10-19-82 to DEQ/WQD cancelled this permit.

78-445 South Haystack reservoirs nos. 1-13. Included 1 "Permit thru to Modify" and 12 "Permits to Construct."

78-457 Authorized: 10-7-82 Expired: 10-7-84. Letter dated 10-19-82 to DEQ/WQD cancelled permits 78-453 (res. no. 9), 78-455 (rev. no. 11), and 78-456 (res. no. 12).

82-683 Evaporation pond nos. 1 and 2, containment pond nos. 1, thru 2, 3 and 4, reservoir no. 9.

82-689 Authorized: 2-10-83 Expired: 2-10-85

The enclosed Water Quality Rules and Regulations, Chapter III, stipulates that "a permit may be renewed where construction has not been completed by filing an affidavit with the administrator stating that there will not be any changes in the plans for construction, installation, or modification of a permitted facility no less than 30 days prior to the expiration date of the permit."

April 9, 1985
Ms. Jane Stark
Page Two

Consequently, if you plan to construct any of the above mentioned or additional facilities, new permits must be obtained. An application for a "Permit to Construct" must include four complete sets of plans, construction specifications, and design information.

Please refer to the applicable portions of our current regulations. If you have any questions, please feel free to contact me.

Sincerely,



Jack Bedessem
Area III Supervisor

JB/jw

copy: Lynn Askew
Norma Coulson
File (2)

PERMIT TO CONSTRUCT

☐ New
☒ Renewal
☐ Modified

Permit No. 77-534R
Renewal

South Haystack Mine
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Cumberland Coal Company
1000 Kiewit Plaza
Omaha, NE 68131

to construct, install, or modify a sanitary wastewater, truck wash & maintenance
shop, wastewater, primary-secondary crusher washdown settling basins and silt washdown
evaporation pond facility according to the procedures and conditions of the
application No. 77-534R . The facility is located in

Sec. 31, T17N, R118W

in the County of Uinta,

in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

PERMIT TO CONSTRUCT

Permit No. 77-534R (Renewal)

New

Modified

South Haystack Mine

(Name of Facility)

This permit hereby authorizes the applicant:

Cumberland Coal Company

(Last)

(First)

(Middle)

1000 Kiewit Plaza

(Street or P.O. Box)

Omaha,

(City)

Nebraska

(County)

68131

(State)

Sanitary Wastewater, Truck Wash & Maintenance Shop,

to construct, install, or modify a Wastewater, Primary-Secondary Crusher Washdown Settling Basins and Silt Washdown Evaporation Pond

facility located in Sec. 31, T. 17 N., R. 113 W.

(Legal Description)

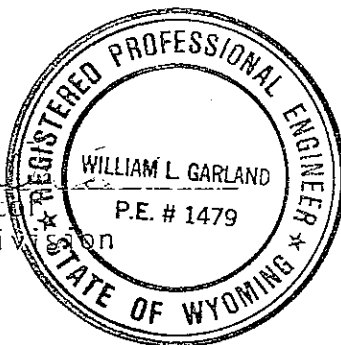
in the County of Uinta, in the State of

Wyoming. This permit shall be effective for a period of two years

from the date of issuance of this permit not to exceed five (5) years.

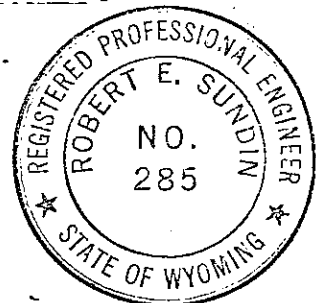
AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director

Wyoming Dept. of Environmental Quality



January 14, 1980

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

Cumberland Coal Company

One Thousand Kiewit Plaza
Omaha, Nebraska 68131

(402) 342-2052

December 28, 1979

State of Wyoming
Department of Environmental Quality
Water Quality Division District II
933 Main Street
Lander, Wyoming 82520

Attention: David Hill

Dear Mr. Hill:

In November 1977 Cumberland Coal Company submitted plans, specifications and documents for your agency's review and approval for anti-pollution reservoirs and waste water facilities at the South Haystack Mine located in Uinta County, Wyoming. After your review and comments, permits to construct were issued on January 9, 1978. After review by the State Engineer's office and Wyoming Land Quality Division the anti-pollution reservoirs were redesigned and resubmitted to your office in August 1978 and repermited on September 13, 1978. Since there were no changes to the waste water facilities, the original permits to construct dated January 9, 1978 remained in force.

The application for permit to mine has continued under review with LQD and is presently due for their final comments on January 31, 1980.

The purpose of this letter is to request an extension for the permit to construct the waste water facilities issued by your office dated January 9, 1978. In light of the possible permit to mine from the State of Wyoming and OSM, and possible sale of the mineral during 1980, it would appear that construction of the mine facilities is possible within the next 18 to 24 months. Therefore, Cumberland Coal Company is requesting extension of Permit No. 77-534R for waste water facilities at South Haystack Mine from January 8, 1980 to January 8, 1982.

Enclosed is a copy of the permit to construct as issued by your agency. Should you have any questions, please feel free to contact our office in Omaha, Nebraska (402) 342-2052.

Very truly yours,

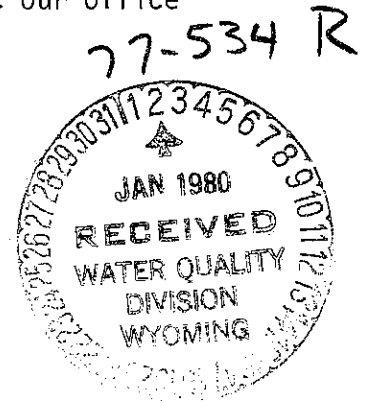
CUMBERLAND COAL COMPANY

Edward L. Jankowski, Jr. P.E.

ELJ/hs

Enc.

cc: Jane Stark



PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-534R

South Haystack Mine

(Name of Facility)

This permit hereby authorizes the applicant:

Cumberland Coal Company

(Last)

(First)

(Middle)

1000 Kiewit Plaza

(Street or P.O. Box)

Omaha

(City)

Nebraska 68131

(County)

(State)

to construct, install, or modify a Sanitary Wastewater, Truck Wash and Maintenance Shop,
Wastewater, Primary-Secondary Crusher Washdown Settli
facility located in Section 31, T17N, R113W Basins and Si
(Legal Description) Washdown Evap
oration Pond

in the County of Uinta, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Garland
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

January 9, 1978

Date of Issuance

ATTN: Tait Johnson

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 77-534R

South Haystack Mine

(Name of Facility)

This permit hereby authorizes the applicant:

Cumberland Coal Company

(Last)

(First)

(Middle)

1000 Kiewit Plaza

(Street or P.O. Box)

Omaha

(City)

(County)

Nebraska 68131

(State)

to construct, install, or modify a Sanitary Wastewater, Truck Wash and Maintenance Shop
Wastewater, Primary-Secondary Crusher Washdown Settling Basins and S
facility located in Section 31, T17N, R118W Basins and S
(Legal Description) Washdown Evaporation Pond

in the County of Uinta, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William D. Garland

Administrator

Water Quality Division

Robert E. Lundin

Director

Wyoming Dept. of Environmental Quality

January 9, 1978

Date of Issuance

ATTN: Tait Johnson

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

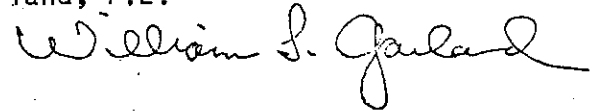
PROJECT: Cumberland Coal Company, Sanitary Sewer, Washwater Retention Ponds,
South Haystack Mine, Uinta County, Wyoming

ARCHITECT OR ENGINEER: Edward L. Jankowske, Jr., P.E. - Cumberland Coal Company
1000 Kiewit Plaza,
Omaha, Nebraska 68131

WATER QUALITY DIVISION REFERENCE NUMBER: 77-534

REVIEWING ENGINEER: David W. Hill, William L. Garland, P.E.

DATE OF REVIEW: November 23, 1977



ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

SANITARY SEWER SYSTEM

- 1) Infiltration or exfiltration shall not exceed 200 gallons per inch of pipe diameter per mile per day.
- 2) An alignment specification between manholes is needed.
- 3) Leakage testing procedures are needed (i.e. - low pressure air or water testing).

SETTLING BASINS

- 4) Please submit more details on the recycle system (i.e. - wet well, pump size, etc.) Will one pump or two be used?